



# PUBLIC NOTICE

## FILE # NRS15.360

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Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**FILE NUMBER:** NRS15.360

**APPLICANT:** Kyle Kenner  
System Manager  
Logan Todd Regional Water Commission  
P.O. Box 400  
Guthrie, KY 42234  
270-483-6990

**LOCATION:** 18 miles of Water Line from Guthrie, KY to Springfield, Robertson County TN.

**PROJECT DESCRIPTION:** The applicant proposes to construct a new alternative water source for the City of Springfield by construction of an 18 mile 24" ductile iron water pipeline from the treatment station in Guthrie, KY to Springfield, TN. The proposed line would require crossing of 9 water bodies including the Red River.

Impact 1: Latitude: 36.628989 Longitude: -87.140586  
Intermittent unnamed tributary

Open cut crossing of an intermittent tributary located in the right of way of US41. The stream would be dammed or diverted during the crossing such that the pipeline is constructed in the dry. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

Impact 2: Latitude: 36.588425 Longitude: -87.089175  
Red River

Horizontal Directional drill crossing (~250') of the Red River at Old State Route 11. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

Impact 3: Latitude: 36.598064 Longitude: -87.022836

#### Unnamed tributary to Sturgeon Creek

Open cut crossing of an intermittent tributary located in the west of North Barnes Road. The stream would be dammed or diverted during the crossing such that the pipeline is constructed in the dry. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

Impact 4: Latitude: 36.559936                      Longitude: -87.011619  
Sturgeon Creek

Open cut crossing of Sturgeon Creek in the right of way of SR76. The stream would be dammed or diverted during the crossing such that the pipeline is constructed in the dry. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

Impact 5: Latitude: 36.559058                      Longitude: -87.009569  
Unnamed tributary to Sturgeon Creek

Open cut crossing of an unnamed tributary of Sturgeon Creek in the right of way of SR76. The stream would be dammed or diverted during the crossing such that the pipeline is constructed in the dry. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

Impact 6: Latitude: 36.551153                      Longitude: -86.935208  
Spring Creek

Open cut crossing of Spring Creek in the right of way of SR76. The stream would be dammed or diverted during the crossing such that the pipeline is constructed in the dry. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

Impact 7: Latitude: 36.550744                      Longitude: -86.928183  
Spring Creek

Open cut crossing of Spring Creek in the right of way of SR76. The stream would be dammed or diverted during the crossing such that the pipeline is constructed in the dry. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

Impact 8: Latitude: 36.572889                      Longitude: -87.042069  
Spring Creek

Open cut crossing of an unnamed tributary to Spring Creek in the right of way of SR76. The stream would be dammed or diverted during the crossing such that the pipeline is constructed in the dry. Bank disturbance would be limited to the minimum required (10+/- feet) and the area restored, seeded and stabilized upon completion.

**MITIGATION REQUIRED:** All impacts associated with this project would be temporary in nature therefore no mitigation would be required.

**WATERSHED / WATERBODY DESCRIPTION:** The Red River watershed encompasses is located in Middle Tennessee including parts of Cheatham, Montgomery, Davidson, Robertson, Sumner and Stewart Counties and drains approximately 801 square miles. For more information on this watershed please visit <http://tn.gov/environment/article/wr-ws-red-river-watershed>.

The Red River (TN05130206002\_3000) is in the Western Pennyroyal Karst Plain - Ecoregion (71e). The channel dimensions are as follows: channel bottom width 80-90', channel top width 90-110', water depth 1-4', and bank height 8-15'. Typical substrate in this section is comprised of cobble and gravel.

The Red River was assessed in 2014. It is supporting its designated uses fully except for domestic water supply due to nitrates. Therefore the stream is available for the proposed impacts to habitat.

More details on the proposal can be viewed on the Internet at <http://www.state.tn.us/environment/ppo/#water>.

In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activity will not result in degradation to water quality.

**Stream Name / ID #:** Red River (TN05130206002\_3000)

**Ecoregion:** Western Pennyroyal Karst Plain - Ecoregion (71e)

**Stream Dimension:** Channel bottom width 80-90'  
Chanel top width 90-110'  
Water depth 1-4'  
Bank height 8-15'

**Substrate:** Cobble, Gravel

Designated Use	Use Support
Fish and aquatic life	fully supporting
Recreation	fully supporting
Industrial water supply	fully supporting
Irrigation	fully supporting
Livestock watering & wildlife	fully supporting

**Assessment Date:** 2014

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable

alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available for review on the internet at the department's data viewer at: <http://www.tn.gov/environment/article/wr-water-resources-data-viewer>. The file may be viewed in person at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243













